Amendments to and Listing of the Claims:

This listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) An image forming apparatus, comprising:

a photoconductive body on which an electrostatic latent image can be formed;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through ~~at least one of~~ said developing member ~~and said develop-supplying member~~; and

a voltage-setting section that sets ~~at least one of said developing member and~~ said ~~develop-supplying~~ developer-supplying member to a corresponding one of first voltages, the corresponding one of first voltages being set in accordance with the current in timed relation with development of the electrostatic latent image.

2. (Currently Amended) The apparatus according to Claim 1, wherein said current measuring section measures the current ~~that flows through said developing member, the current being measured~~ in at least one of a non-image forming mode where the electrostatic latent image is not formed on said photoconductive body and a solid-image forming mode where a solid electrostatic latent image is formed on a substantially entire surface of said photoconductive body.

3. (Canceled)

4. (Currently Amended) ~~The apparatus according to Claim 2,~~ An image forming apparatus, comprising:

a photoconductive body on which an electrostatic latent image can be formed;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through at least one of said developing member and said developer-supplying member; and

a voltage-setting section that sets at least one of said developing member and said developer-supplying member to a corresponding one of first voltages, the first voltages being set in timed relation with development of the electrostatic latent image,

wherein said current measuring section measures the current both in ~~the~~ a non-image forming mode where the electrostatic latent image is not formed on said photoconductive body and ~~in the~~ a solid-image forming mode where a solid electrostatic latent image is formed on a substantially entire surface of said photoconductive body.

5. (Canceled)

6. (Original) The apparatus according to Claim 4, wherein said voltage setting section sets the corresponding one of the first voltages based on a difference in the current between the non-image forming mode and the solid-image forming mode.

7. (Currently Amended) The apparatus according to Claim ~~2~~ 10, ~~further comprising a charging member that receives a second voltage from said voltage setting section and charges said photoconductive body;~~

wherein the current is a current flowing through said developing member and is measured in the non-image forming mode;

wherein when the current is larger than a predetermined value, said voltage setting section ~~either~~ increases an absolute value of the ~~second~~ voltage supplied to said charging member by a predetermined first value. ~~or decreases an absolute value of the corresponding one of the first voltages by a predetermined second value.~~

8. (Canceled)

9. (Currently Amended) The apparatus according to Claim ~~1~~ 10, ~~further comprising a charging member that receives a second voltage from said voltage setting section and charges said photoconductive body;~~

wherein said current measuring section measures a first current that flows through said developing member and a second current that flows through said developer-supplying member, the first current and the second current being measured in the non-image forming mode;

wherein when the current is larger than a predetermined value, said voltage setting section either increases an absolute value of the ~~second~~ voltage supplied to said charging member by a predetermined first value or decreases by a predetermined second value an absolute value of ~~each of the first voltages by~~ a corresponding one of voltages supplied to said developing member and said developer-supplying member. ~~predetermined second value.~~

10. (New) An image forming apparatus, comprising:

a photoconductive body including a surface on which an electrostatic latent image is formed;

a charging member that charges the surface of said photoconductive body;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through at least one of said developing member and said developer-supplying member; and

a voltage-setting section that sets said charging member to a voltage in accordance with the current.